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January 1962

INTELLIGENCE STATEMENT

for

1962 COCOM LIST REVIEW

Definition

Centrifugal testing apparatus or equipment possessing any of the following characteristics:

- (a) driven by a motor or motors having a total rated horsepower greater than 400 h.p.;
- (b) capable of carrying a payload of 250 lbs. or more;
- (c) capable of exerting a centrifugal acceleration of 8 or more "g" on a payload of 200 lbs. or more.

Sino-Soviet Bloc Position

1. It is believed that the USSR has never produced centrifugal testing apparatus as described above. Of the five sets of such apparatus known to be in use at Soviet scientific institutes at the present time, all were imported from non-Bloc sources. The Soviets have recently demonstrated a strong preference for continuing the importing of this equipment rather than making it themselves.

After an unsuccessful effort to obtain a high performance centrifuge in [REDACTED] 25X1C

25X1C [REDACTED] 1957, the USSR managed to buy one from another industrialized non-Bloc country in 1959. 1/

2. Although the USSR certainly has the capability to produce this equipment and Czechoslovakia and East Germany probably also could produce some or all of it, it is custom-made machinery, the designing of which would require diversion of skilled engineers from other tasks. It is therefore probably advantageous to the

USSR to make use of non-Bloc technical skills in order to save development time,

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reduce costs and conserve their own scientific manpower.

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